

Molded Case Circuit Breakers

Section 6

Spectra™ RMS

SE150 Frame

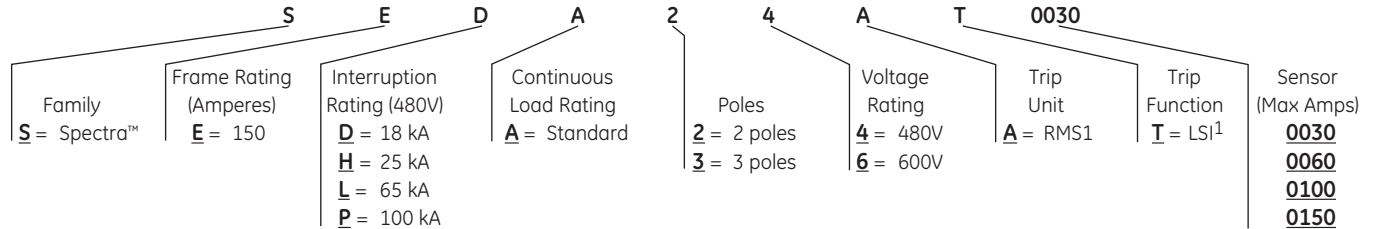
15-150A Circuit Breakers

Electronic Trip

Suitable for Reverse Feed

UL File E-11592, CSA LR 40350

Product Number Structure



¹Adjustable Instantaneous with Tracking Short Time (Long Time established via Interchangeable Rating Plugs).

Note: This information is provided for interpreting product numbers (it should not be used to build product numbers).

SED, SEH, SEL, SEP²; 2-Pole, 150A, 480 Vac Max., (IEC 947-2: 160A, 415 Vac Max.)

Rating Plug				Frame					Terminal Lugs for Front Connection (Cu/Al)	
				UL 489 IC @ 480 Vac						
Adjustable Instantaneous Trip Range Amps		Product Number	Current Sensor	18kA	25kA	65kA	100kA	Product Number	Wire Range	
Ampere Rating	Low			High	Product Number	Product Number	Product Number			Product Number
15	43	182	SRPE30A15	30	SEDA24AT0030 ³	SEHA24AT0030 ³	SELA24AT0030 ³	SEPA24AT0030 ³	TCAL18	12-3/0 Cu 12-3/0 Al
20	58	254	SRPE30A20							
25	73	332	SRPE30A25							
30	87	415	SRPE30A30							
35	104	453	SRPE60A35							
40	118	501	SRPE60A40	60	SEDA24AT0060 ³	SEHA24AT0060 ³	SELA24AT0060 ³	SEPA24AT0060 ³		
45	134	583	SRPE60A45							
50	148	637	SRPE60A50							
60	178	777	SRPE60A60							
70	206	863	SRPE100A70							
80	236	999	SRPE100A80	100	SEDA24AT0100	SEHA24AT0100	SELA24AT0100	SEPA24AT0100		
90	267	1138	SRPE100A90							
100	297	1280	SRPE100A100							
110	328	1426	SRPE150A110							
125	374	1640	SRPE150A125							
150	450	1991	SRPE150A150	150	SEDA24AT0150	SEHA24AT0150	SELA24AT0150	SEPA24AT0150		

SED, SEH, SEL, SEP²; 3-Pole, UL/CSA: 150A, 600 Vac Max., (IEC 947-2: 160A, 690 Vac Max.)

Rating Plug				Frame					Terminal Lugs for Front Connection (Cu/Al)	
				UL 489 IC @ 480 Vac						
Adjustable Instantaneous Trip Range Amps		Product Number	Current Sensor	18kA	25kA	65kA	100kA	Product Number	Wire Range	
Ampere Rating	Low			High	Product Number	Product Number	Product Number			Product Number
15	43	182	SRPE30A15	30	SEDA36AT0030 ³	SEHA36AT0030 ³	SELA36AT0030 ³	SEPA36AT0030 ³	TCAL18	12-3/0 Cu 12-3/0 Al
20	58	254	SRPE30A20							
25	73	332	SRPE30A25							
30	87	415	SRPE30A30							
35	104	453	SRPE60A35	60	SEDA36AT0060 ³	SEHA36AT0060 ³	SELA36AT0060 ³	SEPA36AT0060 ³		
40	118	501	SRPE60A40							
45	134	583	SRPE60A45							
50	148	637	SRPE60A50							
60	178	777	SRPE60A60							
70	206	863	SRPE100A70	100	SEDA36AT0100	SEHA36AT0100	SELA36AT0100	SEPA36AT0100		
80	236	999	SRPE100A80							
90	267	1138	SRPE100A90							
100	297	1280	SRPE100A100							
110	328	1426	SRPE150A110	150	SEDA36AT0150	SEHA36AT0150	SELA36AT0150	SEPA36AT0150		
125	374	1640	SRPE150A125							
150	450	1991	SRPE150A150							

²SEL, SEP UL current limiting.

³When used with 15-50A Rating Plug, UL listed for HID (high intensity discharge).

Note: All Spectra™ breakers UL listed as HACR type.

All Spectra™ breakers marked CE.



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Spectra™ RMS

SE150 Frame
15-150A Circuit Breakers
Electronic Trip
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SE150 Add-on 3-Pole Limiters

Maximum Ampere Rating	Product Number	kAIC @600 Vac	Use With Breaker/ MCP Frame
150	SAXSEL36150	65	SEL
150	SAXSEP36150	100	SEP

Reference Publications

Available for download from www.geindustrial.com/publibrary

SE Breaker	
Installation Instructions	GEH-5591
Rating Plug	GEH-5549
SE Breaker Accessories	
Bell Alarm & Aux. Switch	GEH-5593
Shunt Trip & UVR	GEH-5551
Padlock Device	GEJ-3056
Lug Kits	GEJ-3051
Control Wire Lug Kit	GEH-5881
Add-On Limiters	DEH-4671
STDA Flange Handle	GEH-5314
STDA Operating Mechanism	GEH-5684
TDR Operating Mechanism	GEH-5609
TDM Operating Mechanism	GEH-5611
Motor Operator	GEH-5613
Cable Operator Mechanism	GEH-6290
Operator Adapter Kits	GEH-5688
Mechanical Interlock	GEH-5615
Warning Labels	GEH-5686
SE Mounting Provisions	
Plug-in Mounting Base	GEH-4610
Back Connected Studs	GEJ-3609
Outline Drawing	168D1109SH1
Series Ratings	DET-008
Spectra™ RMS Circuit Breakers in Combination with	
Cooper Bussman Distribution Block	DET-781



Molded Case Circuit Breakers Motor Circuit Protectors

Section 6

3-250A

Mag-Break Motor Circuit Protectors

Current Limiting, UL Component Recognized¹

Features

- Suitable for Reverse Feed
- UL Recognized File E-11592
- CSA Certified LR 40350
- IEC 947-2 690 Vac Max.
 - SE 150 160 Ampere Max.
 - SF250 250 Ampere Max.
 - SG600 630 Ampere Max.
 - SK1200 1250 Ampere Max.
- UL Current Limiting

High Interrupting Capacity Spectra™ RMS Motor Circuit Protectors—SE150 Line 3-Pole

Rating Plug			Frame		Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Current Sensor	65kAIC @480 Vac	100kAIC @480 Vac	Wire Range
	Low	High		Product Number	Product Number	
3	11	39	7	SELA36AI0007	SEPA36AI0007	TCAL18
7	22	90				
15	43	182				
20	58	254	30	SELA36AI0030	SEPA36AI0030	TCAL18
25	73	332				
30	87	415				
40	118	501	60	SELA36AI0060	SEPA36AI0060	TCAL18
50	148	637				
60	178	777				
70	206	863	100	SELA36AI0100	SEPA36AI0100	TCAL18
80	236	999				
90	267	1138				
100	297	1280	150	SELA36AI0150	SEPA36AI0150	TCAL18
110	328	1426				
125	374	1640				
150	450	1991				

SE150 Add-on 3-Pole Limiters

Maximum Ampere Rating	Product Number	kAIC @600 Vac	Use With Breaker/MCP Frame
150	SAXSEL36150	65	SEL
150	SAXSEP36150	100	SEP

High Interrupting Capacity Motor Circuit Protectors—SF250 Line 3-Pole

Rating Plug			Frame		Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Current Sensor	65kAIC @480 Vac	100kAIC @480 Vac	Wire Range
	Low	High		Product Number	Product Number	
70	205	700	250	SFLA36AI0250	SFPA36AI0250	TCAL29
90	265	900				
100	295	1000				
110	325	1100				
125	370	1250				
150	440	1500				
175	515	1750				
200	590	2000				
225	665	2250				
250	736	2500				

¹Per UL 489, interruption ratings are not printed on the product label (interruption ratings are established based on a tested combination of the motor circuit protector and a properly sized overload relay and contactor).

